

Title (en)  
APPARATUS AND METHOD FOR REDUCING AN ENERGY CONSUMPTION OF HARDWARE BASED ON AN APPLICATION STATE

Title (de)  
VORRICHTUNG UND VERFAHREN ZUR REDUZIERUNG EINES ENERGIEVERBRAUCHS VON HARDWARE AUF BASIS EINES ANWENDUNGSSTATUS

Title (fr)  
APPAREIL ET PROCÉDÉ DE RÉDUCTION DE LA CONSOMMATION D'ÉNERGIE D'UN MATÉRIEL SUR LA BASE D'UN ÉTAT D'APPLICATION

Publication  
**EP 4246324 A3 20231220 (EN)**

Application  
**EP 23190974 A 20180227**

Priority

- US 201715448396 A 20170302
- EP 18760898 A 20180227
- CN 2018077381 W 20180227

Abstract (en)  
An apparatus, method, and computer-readable media are provided for reducing an energy consumption of hardware on which an application is running. In use, a call is received from an application via an application program interface. Such call indicates a state of the application. Further, an action is determined, based on the call. The action is for reducing an energy consumption of hardware on which the application is running. The method continues by executing the action for reducing the energy consumption of the hardware on which the application is running.

IPC 8 full level  
**G06F 1/3206** (2019.01); **G06F 1/324** (2019.01); **G06F 1/3296** (2019.01); **G06F 9/54** (2006.01)

CPC (source: EP US)  
**G06F 1/3206** (2013.01 - EP US); **G06F 1/324** (2013.01 - EP US); **G06F 1/329** (2013.01 - US); **G06F 1/3296** (2013.01 - EP US); **G06F 9/547** (2013.01 - EP); **Y02D 10/00** (2017.12 - EP)

Citation (search report)

- [I] US 2013290751 A1 20131031 - MONDAL SHYAMA PRASAD [US], et al
- [I] US 7272730 B1 20070918 - ACQUAVIVA ANDREA [IT], et al
- [I] US 2003226047 A1 20031204 - PARK KEUN-YOUNG [KR], et al
- [A] US 2013067475 A1 20130314 - SINGH NEERAJ KUMAR [US], et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**US 10732703 B2 20200804**; **US 2018253139 A1 20180906**; CN 110383241 A 20191025; CN 110383241 B 20211228; EP 3586225 A1 20200101; EP 3586225 A4 20200318; EP 3586225 B1 20231004; EP 4246324 A2 20230920; EP 4246324 A3 20231220; WO 2018157785 A1 20180907

DOCDB simple family (application)  
**US 201715448396 A 20170302**; CN 2018077381 W 20180227; CN 201880015171 A 20180227; EP 18760898 A 20180227; EP 23190974 A 20180227